



WATERTECH

Digital Technologies in the Water Sector

- » Online Professional Course
- » Global Knowledge Sharing
- » Israel's Innovation in Action



Digital Transformation is Reshaping the Future of Water

This unique online course addresses the growing global need for innovation in the water sector by bridging the worlds of water management and advanced digital technologies. Leveraging Israel's globally renowned expertise, the course delivers in-depth, practical insights into the digital tools and strategies revolutionizing water systems and infrastructure.

Designed with a strong emphasis on real-world application, the program offers a multidisciplinary, hands-on learning experience. Participants will engage in expert-led lectures, data-driven workshops, and virtual site visits—exploring the latest trends in smart infrastructure, AI integration, IoT, and beyond. All learning is aligned with the global effort to achieve UN Sustainable Development Goal 6: Clean Water and Sanitation.



Main Topics Include

- Data Science for Water System Optimization
- Internet of Things (IoT) and Sensor-Based Solutions
- AI Tools & Social Network Applications in the Water Sector
- Water Resource Management and Planning
- Smart Water Distribution Infrastructure
- Water and Sewage Utilities & Regulatory Frameworks
- Innovative Water Treatment Technologies
- Innovation and Entrepreneurship

Course Methodology

A practice-oriented experience that enables participants to apply knowledge directly to their work settings. The course features a blended digital learning approach

- Interactive lectures led by experts
- Data-driven workshops based on real-life case studies
- Multidisciplinary team project work
- Virtual site visits to cutting-edge water tech hubs and installations

Who Should Attend

This course is tailored for professionals working at the nexus of water and technology, including

- Water Engineers and Utility Managers
- Tech Experts entering or scaling in the water sector
- Municipal and National Water Authorities
- Innovation and Sustainability Officers
- Water Consulting and Engineering firms
- International Development Professionals and SDG Practitioners

Key Experts HiTech School

- **Prof. Yael Dubinsky** - Technology and innovation expert acting as the manager of KIC-Dev the R&D unit in the Kinneret Innovation Center, and as the head of the software engineering department in the Kinneret Academic College.
- **Prof Ran Suckeveriene** - Dean of the Faculty of Engineering, Kinneret Academic College
- **Eng. Michal Shlomy** - Expert and lecturer in organizational process management, agile culture, strategy and product management
- **Mr. Ravid Levy** - Senior Director- Wateredge.IL (Israel Water Innovation Community)

Program Structure

- 120 academic hours
- LIVE online studies (all sessions are recorded and available for later viewing)
- Twice a week sessions (total of 20 meetings)

Entry Requirements

- Minimum of 2 years of experience in the Water, Technology, or other relevant sectors
- Application Interview

Key Takeaways

- A robust understanding of digital transformation in water management
- Practical tools to enhance efficiency, sustainability, and resilience
- Access to Israel's leading water innovation ecosystem
- A global network of professionals committed to smart water solutions

Certificate

Certificate will be granted upon fulfillment of two conditions: attendance (85%) and the submission of a project related to water technologies. Certificate of Completion will be granted by from the HiTech School by Kinneret Academic College, and Wateredge.IL (Israel Water Innovation Community)

For Further Information



kinneret.ac.il

HiTech School by Kinneret Academic College

Specializing in:

- Applied technology education
- Professional and vocational training
- Innovation-driven programs
- Bridging academia and industry, particularly in sectors where Israel has global leadership like water technologies, agriculture, climate innovation, and digital transformation



[LinkedIn](#)



[Hi-Tech School](#)

Contact Information

✉ partnerships@kinneret.ac.il

☎ +972-4-6653823

☎ +972-52-3485045

Held in Cooperation with MEKOROT

